## **ABSTRACT**

The invention relates to the use of natriuretic peptides (ANP or BNP) for the preparation of pharmaceutical compositions for the treatment of short stature in a subject being suspected of having a genetic defect in the human SHOX gene. Further, the invention relates to use of natriuretic peptides in combination with a growth protein and/or a SHOX protein for the preparation of pharmaceutical compositions for the treatment of patients having a SHOX gene disorder. The invention also relates to the use of natriuretic peptides (ANP and BNP) in combination with a SHOX protein for the preparation of pharmaceutical compositions for the treatment of patients with cardiovascular diseases.

The invention also comprises an article of manufacture comprising packaging material and a pharmaceutical composition comprising natriuretic peptides.